SUPPLEMENTAL INFORMATION DISCLOSURE Filing STATEMENT BY APPLICANT First

Attorney Docket Number	6616-71303-07
Application Number	10/539,214
Filing Date	January 17, 2006
First Named Inventor	Lightner
Art Unit	1638
Evaminer Name	Flizabeth F McFlwain

U.S. PATENT DOCUMENTS

Copies of U S Patent documents do not need to be provided, unless requested by the Patent and Trademark Office. For patents, provide the patent number and the issue date. For unbished US applications, provide the publication number and the publication date. For unpublished pending patent applications, provide the application number and the filing date.

Examiner's Initials*	Cite No. (optional)	Number	Publication Date	Name of Applicant or Patentee
		5,639,790	June 17, 1997	VOELKER and DAVIES
		5,704,160	January 6, 1998	BERGQUIST et al.
		6,229,033	May 8, 2001	KNOWLTON, Susan
		6 248 939	June 19, 2001	LETO and ULRICH

FOREIGN PATENT DOCUMENTS

Examiner's Initials*	Cite No. (optional)	Country	Number	Publication Date	Name of Applicant or Patentee
		PCT/WIPO	WO95/20046	July 27, 1995	BIOCEM
		PCT/WIPO	WO01/083697	November 8, 200 I	EXELIXIS PLANT SCIENCES, INC.
Examiner's Initials*	Cite No. (optional)	OTHER DOCUMENTS			
		ANOOP et al., "Modulation of citrate metabolism alters aluminum tolerance in yeast and transgenic canola overexpressing a mitochondrial citrate synthase," Plant Physiol., 132:2205-2217, 2003.			
		BEISSON et al., "Arabidopsis genes involved in acyl lipid metabolism. A 2003 census of the candidates, a study of the distribution of expressed sequence tags in organs, and a web-based database," Plant Physiol., 132:681-697, 2003.			
		BERT et al., "Comparative genetic analysis of quantitative traits in sunflower (Heltanthus amuss L.). 2. Characterisation of QTL involved in developmental and agronomic traits," Theor. Apol. Genet., 107:181-189, 2003.			
		COLBERT et al., "High-throughput screening for induced point mutations," Plant Physiol., 126(2):480-484, 2001.			
				3-ketoacyl-acyl-carrie	r protein synthase IIIs in plants

EXAMINER	DATE
SIGNATURE:	CONSIDERED:

^{*} Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.

ACTINITY GROWN SOIS-TIME-OF SHOOL-OS AND SHOCKS FILED VIA ETS				
			Attorney Docket Number	6616-71303-07
			Application Number	10/539,214
SUPPLEM	ENTAL.	INFORMATION DISCLOSURE	Filing Date	January 17, 2006
	STATEM	MENT BY APPLICANT	First Named Inventor	Lightner
			Art Unit	1638
			Examiner Name	Elizabeth F. McElwain
Examiner's Initials*	Cite No. (optional)			
		EASTMOND et al., "Postgerminativ	e growth and lipid catabolist	n in oilseeds lacking the
		glyocylate cycle," PNAS, 97(10):566	9-5674, 2000.	-
		EASTMOND and GRAHAM, "Re-e Trends Plant Sci., 6(2):72-77, 2001.	xamining the role of glyoxyl	ate cycle in oilseeds,"
		ECCLESTON and OHLROGGE, "I		
		thioesterase in brassica napus seeds		
		biosynthesis and implies a set point i	for triacylglycerol accumulat	ion," Plant Cell. 10:613-
621, 1998.			d no l c	
		FATLAND et al., "Molecular biology of cytosolic acetyl-CoA generation," Biochem. Soc. Trans., 28(6):593-595, 2000.		
	FATLAND et al., "Reverse genetic characterization of cytosolic acetyl-CoA generation			
	by ATP-citrate lyase in Arabidopsis," Plant Cell, 17:182-203, 2005.			
	FELDMANN et al., "A Dwarf Mutant of Arabidopsis Generated by T-DNA Insertion Mutagenesis," Science, 243(4896):1351-1354, 1989.			by T-DNA Insertion
	FOCKS and BENNING, "wrinkled1: A novel, low-seed-oil mutant of Arabidopsis with a			
deficiency in the seed-specific regulation of carbohydrate metabolism." Plant Physiol.				
118:91-101, 1998.			asaa, 1 mm 1 mystori,	
	GIRKE et al., "Microarray analysis of developing Arabidopsis seeds," Plant Physiol.,			eds," Plant Physiol.,
		124:1570-1581, 2000.		
	GRAHAM et al., "Carbon Catabolite Repression Regulates Glyoxylate Cycle Gene			xylate Cycle Gene
	Expression in Cucumber," The Plant Cell, 6:761-772, 1994.			
JAKO et al., "Seed-specific over-expression of an Arabidopsis cDNA encoding a diacylglycerol acyltransferase enhances seed oil content and seed weight," Plant Physic				
	diacytgiycerol acyttransferase ennances seed oil content and seed weight," Plant Physiol 126(2):861-874, 2001.			weight, Funi Fnysion,
		JAMES and DOONER, "Isolation of	EMS-induced mutants in A	rabidopsis altered in seed
		fatty acid composition," Theor. Appl	Genet., 80(2):241-245, 199	0.
		KATAVIC et al., "Alteration of seed	I fatty acid composition by a	n ethyl
		methanesulfonate-induced mutation		ting diacylglycerol
		acyltransferase activity," Plant Physi		

EXAMINER SIGNATURE:	DATE CONSIDERED:

28(6):935-937, 2000.

KATAVIC et al., "Utility of the Arabidopsis FAE1 and yeast SLC1-1 genes for improvements in crucic acid and oil content in rapesced," Biochem Soc. Trans.,

^{*} Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.

AC/TMH gth	04/04/07 66	16-71303-07 648682.doc AG03-083C-US		FILED VIA EFS
			Attorney Docket Number	6616-71303-07
			Application Number	10/539,214
SUPPLEM	ENTAL	INFORMATION DISCLOSURE	Filing Date	January 17, 2006
	STATEM	MENT BY APPLICANT	First Named Inventor	Lightner
			Art Unit	1638
			Examiner Name	Elizabeth F. McElwain
Examiner's Initials*	Cite No. (optional)	ОТ	HER DOCUMENTS	
		LARSON et al., "Acyl CoA profiles		
		fatty acids indicate inefficient storag 32:519-527, 2002.	e lipid synthesis in developir	ng oilseeds," Plant J.,
		LEMIEUX et al., "Mutants of Arabi		d lipid fatty acid
		composition," Theor. Appl. Genet., 8		
		LIN et al., "The Pex16p homolog SS seeds," Science. 284:328-330, 1999.		•
		LIONNETON et al., "Development		
		QTLs for seed fatty acid content in c	ondiment mustard (Brassica	juncea)," Genome,
		45(6):1203-1215, 2002.		
	LIU and BUTOW, "A transcriptional switch in the expression of yeast tricarboxylic acid cycle genes in response to a reduction or loss of respiratory function," Mol. Cell. Biol.,			
		19:6720-6728, 1999.		
		MCCALLUM et al., "Targeted screening for induced mutations," Nat. Biotechnol.,		
		18(4):455-457, 2000.		
		MEKHEDOV et al., "Toward a functional catalog of the plant genome. A survey of genes		
		for lipid biosynthesis," Plant Physiol., 122:389-401, 2000. MOIRE et al., "Impact of unusual fatty acid synthesis on futile cycling through β-		
	oxidation and on gene expression in transgenic plants," Plant Physiol., 134:432-442,			
		2004.	uningeme panto, 1 mm 1 m	3101., 154.452 442,
		NEUHAUS and EMES, "Nonphotos		tids," Annu. Rev. Plant
		Physiol. Plant Mol. Biol., 51:111-14		
		O'HARA et al., "Fatty acid and lipid		
		ratios but different absolute levels de 2002.	iring emoryogenesis," Plant	Physiol., 129:310-320,
		OKULEY et al., "Arabidopsis FAD:	Gene Encodes the Enzyme	That Is Essential for
		Polyunsaturated Lipid Synthesis," P		
		PRITCHARD et al., "Germination a		on are regulated
		independently in Arabidopsis," Plan		
		RANGASAMY and RATLEDGE, "		itrate lyase in plants,"
		Plant Physiol., 122:1225-1230, 2000 RANGASAMY and RATLEDGE, "		
		targeting rat liver ATP:citrate lyase		
		1238, 2000.	psus or nounces, The	

EXAMINER
SIGNATURE:

* Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered, Include copy of this form with next communication to applicant.

103(2):467-476, 1993.

ACTUALISM GOOD OUT-15000 GOODEN AGGORDED				
SUPPLEMENTAL INFORMATION DISCLOSURE		Attorney Docket Number	6616-71303-07	
		Application Number	10/539,214	
		Filing Date	January 17, 2006	
	STATEM	MENT BY APPLICANT	First Named Inventor	Lightner
			Art Unit	1638
			Examiner Name	Elizabeth F. McElwain
Examiner's Initials*	Cite No. (optional)	ОТІ	HER DOCUMENTS	
		RATLEDGE et al, "Correlation of A		
		developing seeds of Brassica napus	L.," Lipids, 32(1):7-12, 1997	1
		RAWSTHORNE, S., "Carbon flux a	nd fatty acid synthesis in pla	nts," Prog Lipid Res.,
		41:182-196, 2002.		
RUUSKA et al., "Contrapuntal networks of gene expression during Arabidopsis see filling." Plant Cell., 14:1191-1206, 2002.			ng Arabidopsis seed	
RYLOTT et al., "Co-ordinate regulation of genes involved in storage lipid mobilization			raga linid mobilization in	
	Arabidopsis thaliana," Biochem Soc. Trans., 29:283-287, 2001.			
SCHNARRENBERGER and MARTIN, "Evolution of the enzymes of the citric acid cy			nes of the citric acid cycle	
and the glyoxylate cycle of higher p			ants, A case study of endosy	mbiotic gene transfer,"
	Eur. J. Biochem., 269:868-883, 2002.			
		SCHNURR et al., "Characterization of an acyl-CoA synthetase from Arabidopsis		
		thaliana," Biochem Soc.Trans., 28(6):957-958, 2000.		
	SHOCKEY et al., "Characterization of the AMP-binding protein gene family in			
		Arabidopsis thaliana: will the real ac	cyl-CoA synthetases please s	tand up?" Biochem Soc.
	Trans., 28(6):955-957, 2000.			
		SMITH, Steven M., "Does the glyoxylate cycle have an anaplerotic function in plants?"		
		TRENDS, 7(1):12-13, 2002.		
		THELEN et al., "Biotin carboxyl carrier protein isoforms in Brassicaceae oilseeds," Btochem. Soc. Trans., 28(6):595-598, 2000.		
		WADA et al., "Role of a positive res		ent CAPRICE in
		Arabidopsis root epidermal cell diffe		
		WHITE et al., "A new set of Arabide	opsis expressed sequence tag	s from developing seeds.
	The metabolic pathway from carbohydrates to seed oil," Plant Physiol., 124:1582-1594,			ysiol., 124:1582-1594,

EXAMINER	DATE
SIGNATURE:	CONSIDERED:

YADAV et al., "Cloning of higher plant omega-3 fatty acid desaturases," Plant Physiol.,

^{*} Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.